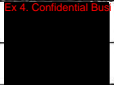
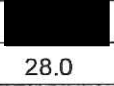


Table 2-3 MACT OPLs Established Based on Emissions Testing

Process Operating Parameters	Units	Tag ID #	OPL Value	MIN or MAX ?	Applicable Test Condition(s)
Kiln and SCC Parameters --					
Pumpable Waste Feed Rate	lb/hr	WQI-9000T	29,926	MAX	C1
Total Waste Feed Rate	lb/hr	WQI-9000F	35,069	MAX	C1
Kiln Temperature	°F	TI-4300	1,718	MIN	C1
SCC Temperature	°F	TI-4310	1,747	MIN	C1
Process Gas Flowrate	wet scfm	FI-7510	67,505	MAX	C1, C2 & C2RT
Ash Feed Rate	lb/hr	WQI-9000AH	10,333	MAX	C2
Chlorine Feed Rate (a)	lb/hr	WQI-9000CL	2,032	MAX	C2
SVM Feed Rate (a)	lb/hr	WQI-9000SV	83.2	MAX	C2
LVM Feed Rate (a)	lb/hr	WQI-9000LV	400.0	MAX	C2
Pumpable LVM Feed Rate (a)	lb/hr	WQI-9000PLV	400.0	MAX	C2
Mercury Feed Rate (a)	lb/hr	WQI-9000M	0.140	MAX	C2RT
FGCS Parameters --					
ESP Inlet Temperature	°F	TI-6002	424	MAX	C1, C2 & C2RT
Carbon Flow - Location 2	lb/hr	WI-7002		MIN	C1 & C2RT
Carbon Flow - Location 1	lb/hr	WI-7003		MIN	C1 & C2RT
Ring Jet Pressure Drop	in. w.c.	DPI-7401	28.0	MIN	C2 & C2RT
Scrubber Liquid Flow	gpm	FQI-7201	1,287	MIN	C2 & C2RT
Ring Jet Recirculation Flow	gpm	FI-7404	446	MIN	C2 & C2RT
Ring Jet Blowdown	gpm	FI-7403	19.5	MIN	C2 & C2RT
Ring Jet Sump Level	ft	LIC-7401	1.7	MIN	C2 & C2RT
Scrubber Liquid pH	pH units	AI-7307	7.6	MIN	C2

(a) Native feed rate plus contribution from spiked metal. For LVM and SVM, this limit represents the extrapolated feed rate limit. See Section 4.4 (and Table 4-7) for further discussion.

(b) C1 = Test Condition 1; C2 = Test Condition 2, C2RT = Test Condition 2 Retest


 = CBI

Table 2-5 lists the AWFCO limits and set points that will become operational upon submittal of this NOC. The waste feed will automatically be shut off whenever one of the set points is exceeded. Each of these operating parameters will continue to be monitored during a cutoff event. The waste feed can be restarted only after each of the above AWFCO conditions is satisfied. Every MACT parameter is tested weekly through a software simulation of each MACT exceedance to verify that the AWFCO system is operating correctly.

Table 2-5 AWFCO Parameters and Operating Limits

Process Parameters	Units	AWFCO / MACT Limit
Maximum Total Waste Feed Rate	lb/hr	35,069
Maximum Pumpable Waste Feed Rate	lb/hr	29,926
Minimum Feed Lance Atomization Pressure	psig	30
Maximum SCC Pressure	in. w.c.	see Table 2-4
Maximum Ash Feed Rate	lb/hr	10,333
Maximum Total Chlorine Feed Rate	lb/hr	2,032
Maximum Total LVM Feed Rate	lb/hr	400
Maximum Total Pumpable LVM Feed Rate	lb/hr	400
Maximum Total SVM Feed Rate	lb/hr	83.2
Maximum Total Mercury Feed Rate	lb/hr	0.14
Maximum ESP Inlet Temperature	°F	424
Minimum ESP Power Input to each Field	mA	100
Minimum Kiln Temperature	°F	1,718
Minimum SCC Temperature	°F	1,747
Maximum Process Gas Flowrate	wet scfm	67,505
Minimum Carbon Feed Rate – Location 1	lb/hr	Ex 4. Confidential
Minimum Carbon Feed Pressure – Location 1	psig	3.0
Minimum Carbon Feed Rate – Location 2	lb/hr	Ex 4. Confidential
Minimum Carbon Feed Pressure – Location 2	psig	3.0
Minimum Ring Jet Pressure Drop	in. w.c.	28.0
Minimum Scrubber (1 st & 2 nd Packed Bed) Liquid Flowrate	gpm	1,287
Minimum Scrubber (1 st & 2 nd Packed Bed) Combined Pressure Drop	in. w.c.	1.3
Minimum Scrubber (Ring Jet) Liquid Flowrate	gpm	446
Minimum Scrubber (Ring Jet) Blowdown	gpm	19.5
Minimum Scrubber (Ring Jet) Sump Level	ft	1.7
Minimum Scrubber (3 rd Stage) Liquid pH	pH units	7.6
THC Concentration @ 7% O ₂	ppm	10

■ = CBI